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HIGHWAY STANDARDS

000001-04	701311-02
515001-02	701602-02
606001-02	701801-03
631051-01	702001-06
635011-01	704001-02
701011-01	780001-01
701306-01	781001-02

GENERAL NOTES

- 1. THE STANDARDS AND REVISIONS NUMBERS SHALL APPLY TO THIS PROJECT.
- 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMERENIP (ELECTRIC & GAS)
 - * CITY OF BELLEVILLE (SANITARY SEWER)
 - * CHARTER COMMUNICATIONS, INC (CABLE TV)
 - * ILLINOIS AMERICAN WATER CO. (WATER)
 - * McLEOD USA TELECOMMUNICATIONS, INC. (COMMUNICATIONS)
 - * AT&T ILLINOIS (COMMUNICATIONS)

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

- 4. THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 5. THE WIDTHS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. BITUMINOUS SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.
- 6. THE VARIOUS THICKNESS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. BITUMINOUS SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF REMOVING HIGH IRREGULARITIES AND TO ESTABLISH CROSS SLOPE.
- 7. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND ACCORDING TO SECTION 440 OF THE STANDARD SPECIFICATIONS.
- 8. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS, HOWEVER, INSTALLATION BY METHOD "A" (ARTICLE 730.04(A)) SHALL BE THE ONLY METHOD PERMITTED.
- 9. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE REQUIRED AT INTERSECTING SIDE ROADS THROUGHOUT THE PROJECT. COST TO BE INCLUDED IN BID PRICES FOR TRAFFIC CONTROL AND PROTECTION.
- 10. A QUANTITY OF 687.5 FEET OF "TEMPORARY PAVEMENT MARKING LINE 6 INCH" YELLOW AND 112.5 FEET OF TEMPORARY PAVEMENT MARKING - LINE 6 INCH" WHITE HAS BEEN INCLUDED IN THE PLANS FOR PAINTING THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER.
- 11. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGES DONE TO THE FENCE, STONE WALL, OR THE CONCRETE UNDER THE STRUCTURE DUE TO CONSTRUCTION ACTIVITIES.
- 12. THE COST OF ANY SUB-BASE NEEDED UNDER THE RAISED SIDEWALK AND CURB & GUTTER SHALL BE INCLUDED IN THE COST OF "PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH" AND "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24"; RESPECTIVELY.

F.A.P.	SECTIO	N	CONTRAC	TOTAL	SHEET NO.	
600	1-1BR-1	s	T. CLAIR	29	2	
STA.		TO	STA.			
FED. ROAD	DIST. NO.	ILLINOIS	FED. AID	PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

- 1. ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY AND PERMANENT) AT NO ADDITONAL COST TO THE DEPARTMENT AND NO OTHER COMPENSATION WILL
- 2. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE
- 3. TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.
- 4. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- 5. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE WITH CLASS 2 SEEDING.

COMMITMENTS

ALL CONSTRUCTION ACTIVITIES SHALL REMAIN OUTSIDE THE WETLAND AREA AND AT NO TIME SHALL THE CONTRACTOR DISTURB THE WETLAND. THIS WET MEADOW IS LOCATED ABOUT 69 FT EAST FROM THE CENTERLINE OF IL RT. 159 AND ALONG THE SOUTH BANK OF RICHLAND CREEK. THIS SITE POSSESSES HYDROPHYTIC VEGETATION, HYDRIC SOIL AND WETLAND HYDROLOGY; THEREFORE, THIS SITE IS A WETLAND.

THE CITY OF BELLEVILLE SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE COMMENCEMENT OF THE RICHLAND CREEK GREENWAY TRAIL DETOUR. AT THAT TIME, THE CITY WILL BE ADVISED AS TO THE TENTATIVE DATES THAT THIS DETOUR WILL BE IN EFFECT.

> ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS FAP ROUTE 600 SECTION 1-1BR-1 ST. CLAIR COUNTY SCALE: VERT. DRAWN BY CHECKED BY

DATE NAME SCALE ENCE

A Rev. Sheet 10-16-06

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES

CONTRACT NO. 76962
COUNTY TOTAL SHEETS NO.

	SUMMARY OF QUANTITIES		URBAH		STRUCTION TYPE	CODE
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	X080-2A	SFTY-3N	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.2	0.2		
40600300	AGGREGATE (PRIME COAT)	TON	1	1		
40600990	TEMPORARY RAMP	SQ YD	179	179		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1290	1290		
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	547	547		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	215	215	Δ	
44000600	SIDEWALK REMOVAL	SQ FT	1290	1290		
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1	1		
50102400	CONCRETE REMOVAL	CU YD	7.3	7.3		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	62.3	62.3	,	
50300260	BRIDGE DECK GROOVING	SQ YD	607	607		
50300300	PROTECTIVE COAT	SQ YD	840	840		
X5030305	CONCRETE WEARING SURFACE , 5"	SQ YD	767	767		
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	6891	6891		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	17550	17550		
50900905	REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	248	248		
51401600	TEMPORARY BRIDGE RAIL	FOOT	220	220		
51500100	NAME PLATES	EACH	1	1	,	
60260100	INLETS TO BF ADJUSTED	EACH	2	2		
60605000	COMBINATION CONCRETE CURB AND GUTTER; TYPE B-6.24	F00T	214.5	214.5		
63100110	TRAFFIC BARRIER TERMINAL, TYPE 11	EACH	4	4		
63200310	GUARDRAIL REMOVAL	F00T	42	42		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	14	14		
67100100	MOBILIZATION	LSUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	·	
70102672	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602, SPECIAL	L SUM	1	1	·	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	(240	240		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3615	3615		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	(800	800	Δ	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	356	356	terino)s	

1 7 1	165		T	CONSTRUCTION TYPE CODE				
	SUMMARY OF QUANTITIES		<i>URBAN</i> TOTAL	X080-2A	SFTY-3N	CODE		
CODE NO	ITEM	UNIT	QUANTITIES					
70400500	TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	537.5	537.5	Δ			
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	337.5	337.5				
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1042	1042				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	229	229				
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	545	545				
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	127	127				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	£7	7				
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	5,6	•}				
78100300	REPLACEMENT REFLECTOR	EACH	\ \{ 7 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 }	\triangle			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	613	613	<u>/ </u>			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	{ zo	20}				
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	276	276				
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90	TON	46	46				
X4066775	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N90	TON	33	33				
X7200200	WIDE LOAD SIGNING	L ŞUM	1	1				
Z0002600	BAR SPLICERS	EACH	234	234				
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	•	2			
Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1		1			
Z0030320	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2	EACH	1		1			
Z0030340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2		2			
					* *.			
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		i						

(* SPECIALTY ITEMS

1 Rev. 10-16-06 Rev.

600 1-1BR-1 ST. CLAIR 29 T STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PAVEMENT MARKING SCHEDULE

			TEMPO	RARY		TEMPORARY	SHORT-	WORK ZONE	THERM	OPLASTIC PA	AVEMENT MAF	RKING -4"	THERMOP	PLASTIC		PAVE	MENT MARK	KING REMO	DVAL		POLYUREA	POLYUREA
LOCATION			PAVEN	MENT		PAVEMENT	TERM	PAVEMENT	SOLID	SKIP-DASH	SKIP-DASH	EDGE LINE	PAVEM	ENT	SOLID	SKIP-DASH	SKIP-DAS	H EDGE	S0	LID	PAVEMENT	PAVEMENT
			MARKING L	INE - 4"		MARKING	PAVEMENT	MARKING	LINE	LANE LINE	LANE LINE	WHITE	MARKING	G -12"	LINE	LANE LINE	LANE LIN	E LINE	1:	2"	MARKING	MARKING
		STAGE I	STAGE II	STAGE III	FINAL	LINE - 12"	MARKING	REMOVAL	YELLOW	YELLOW	WHITE	SB	YELLOW	WHITE	4''	YELLOW	4" W	HITE	YELLOW	WHITE	TYPE I-LINE 4"	TYPE I-LINE 12"
STATION TO	O STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	SQ FT	FOOT .	FOOT
STA 154+02.0 To	0 STA 156+50.0	248.0		203.0	226.0	62.5	12	292.3			11.0	215		62.5			3.7	71.8		62.5		
STA 156+50.0 Te	O STA 157+00.0	50.0	100.0	100.0	163.5	25.5	20	170.0	100.0		13.5	50.0		25.5	33.3		4.5	16.7		25.5		
STA 157+00.0 To	O STA 157+21.0	21.0	42.0	42.0	69.3	14.4	36	76.5	42.0		6.3	21.0		14.4	14.0		2.1	7.0		14.4		
STA 157+21.0 T	O STA 157+53.7		39.0	65.4	107.4	32.0	36	106.6	65.4		9.2	32.8		32.1	21.8		3.1	10.9		32.1		
STA 157+53.7 To	O STA 158+62.5			217.6	546.5	127.3	36	394.1				1.5						36.9			545.0	127.0
STA 158+62.5 Te	O STA 158+85.0			45.0	65.6	26.9	36	67.8	45.0			20.6	7.7	19.2	15.0			6.9	7.7	19.2		
STA 158+85.0 To	O STA 159+15.0	30.0		60.0	90.0	39.2	36	103.2	60.0			30.0	13.9	25.5	20.0			10.0	13.9	25.5		
STA 159+15.0 T	O STA 160+05.0	141.0		328.0	293.9	28.2	24	290.5	183.9	20.0		90.0	28.2		61.3	6.7		30.0	28.2			
STA 160+05.0 T	O STA 160+33.0	24.0		112.0	25.0		4	55.0				25.0						8.3				
SUB-TOTAL		514.0	181.0	1173.0	1587.0				496.3	20.0	39.9	485.9	49.8	179.2	165.4	6.7	13.4	198.5	49.8	179.2		
TOTAL			345	55		356	240	1556			1042		22	9			613	3			545	127

STAGING SCHEDULE

	TRAFFIC	TEMPORARY	RELOCATE	TEMPORARY	TEMPORARY	IMPACT	IMPACT	IMPACT	IMPACT
LOCATION	BARRIER	CONCRETE	TEMPORARY	PAVEMENT	BRIDGE	ATTENUATOR,	ATTENUATOR,	ATTENUATOR,	ATTENUATOR,
	TERMINAL,	BARRIER	CONCRETE	MARKING	RAIL	TEMPORARY	RELOCATE	TEMPORARY	RELOCATE
	TYPE 11		BARRIER	LINE 6"		(NON-REDIRECTIVE)	(NON-REDIRECTIVE)	(FULLY-REDIRECTIVE)	(FULLY-REDIRECTIVE)
	EACH	FOOT	FOOT	F00T	F00T	EACH	EACH	EACH	EACH
STAGE I		500		500		2			
STAGE II	4	37.5	262.5	475	220		1	1 *	
STAGE III			75				1		1
TOTAL	4	537.5	337.5	975	220	2	2	1	1

* MAXIMUM WIDTH OF 2'-11" AND A MAXIMUM LENGTH OF 24'.

RESURFACING SCHEDULE

	BITUMINOUS	AGGREGATE	BITUMINOUS	BITUMINOUS CONCRETE	LEVEL BINDER
LOCATION	MATERIALS	(PRIME COAT)	SURFACE	SURFACE COURSE,	(MACHINE METHOD),
	(PRIME COAT)		REMOVAL 1 1/2"	SUPERPAVE	SUPERPAVE
STATION TO STATION	TON	TON	SQ YD	TON	TON
STA 157+00.00 TO STA 157+53.70	0.1	0.5	286.8	24.1	17.3
BRIDGE OMISSION					
STA 158+62.80 TO STA 159+15.00	0.1	0.5	260.2	21.9	15.7
OTAL	0.2	1	547	46	33

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE

	RAISED R	EFLECTIVE	RAISED REFLECT	TIVE	REPLAC	EMENT	RAISED REFLECTIVE
LOCATION	PAVEMEN'	T MARKER	PAVEMENT MARE	KER	REFLE	CTOR	PAVEMENT MARKER
	2-WAY		(BRIDGE)	2	2-WAY		REMOVAL
	AMBER	WHITE	2-WAY AMBER	7	AMBER	WHITE	
STATION TO STATION	EACH	EACH	EACH		EACH	EACH	EACH
STA 154+02.0 TO STA 156+50.0					'	1	1
STA 156+50.0 TO STA 157+00.0					1	1	2
STA 157+00.0 TO STA 157+21.0		1					1
STA 157+21.0 TO STA 157+53.7	2						2
STA 157+53.7 TO STA 158+62.5			6				6
STA 158+62.5 TO STA 158+85.0	2		* .				2
STA 158+85.0 TO STA 159+15.0	2						2
STA 159+15.0 TO STA 160+05.0					4		4
STA 160+05.0 TO STA 160+33.0							
SUB-TOTAL	6	1			5	2	
TOTAL		7	6		7	?	20

SIDEWALK AND CURB & GUTTER SCHEDULE

	SIDEWALK	PCC	COMBINATION	COMBINATION	INLETS
LOCATION	REMOVAL	SIDEWALK	CURB & GUTTER	CURB & GUTTER,	TO BE
		4 IN	REMOVAL	TYPE B-6.24	ADJUSTE
STATION TO STATION	SQ FT	SQ FT	FT	FT	EACH
NORTHEAST QUADRANT					
STA 157+00.00 TO STA 157+51.00	328.6	328.6	51.0	51.0	
NORTHWEST QUADRANT				·	
STA 157+00.00 TO STA 157+57.70	358.2	358.2	58.0	57.8	
BRIDGE OMISSION					
SOUTHEAST QUADRANT					
STA 158+58.80 TO STA 159+15.00	315.4	315.4	56.5	56.3	1
SOUTHWEST QUADRANT					
STA 158+65.60 TO STA 159+15.00	287.8	287.8	49.5	49.4	1 .
TOTAL	1290	1290	215	214.5	2

TEMPORARY RAMP SCHEDULE

		WIDTH	LENGTH	TEMPORARY
LOCAT	TION			RAMP
		FOOT	FOOT	SQ YD
STA	157+00.0	48	5	26.8
STA	159+10.0	41.75	5	23.3
STA	157+41.6	48	12.1	64.7
STA	158+62.8	47.6	12.1	64.2
TOTA	L			179

REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION						
NAME DATE							
	SCHEDULES						
	FAP ROUTE 600						
	SECTION 1-1BR-1						
	ST. CLAIR COUNTY						
	SCALE: VERT. DRAWN BY						
	DATE CUECKED BY						

A Rev. 10-16-06

FILE NAME = cr\pro_lects\edi8385\plan\pin18385e.dgn PLOT SCALE = 58.8888 ′/ IN, REFERENCE = \$REF\$







